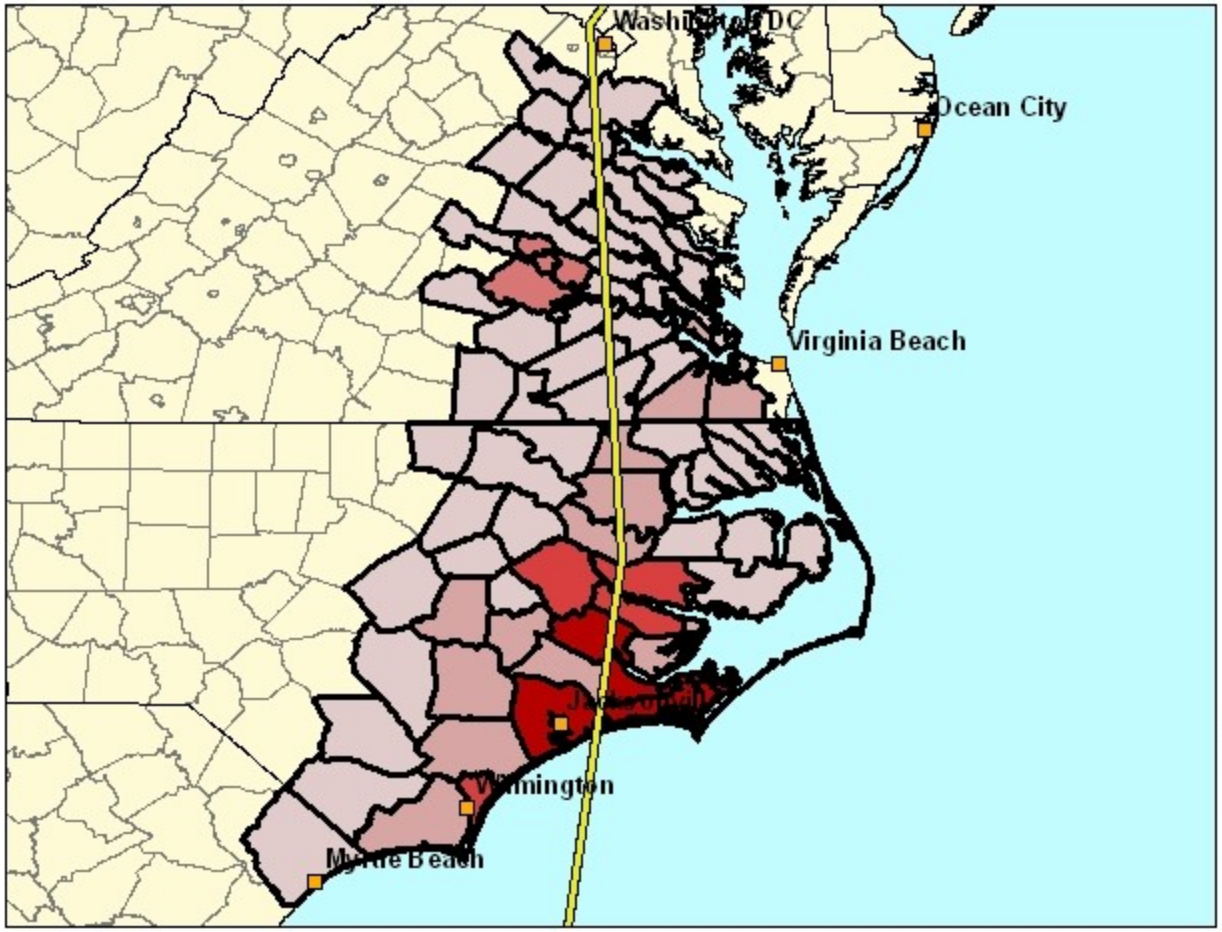
US Army Corps of Engineers

Hurricane Noname 1878 Debris Model

Landfall Plus About 12 Hours

For Official Use Only!



Post Landfall Debris Model Results

North Carolina - 9,206,000 Yards
Virginia - 2,501,000 Yards
South Carolina - 34,000 Yards
Maryland - 30,000 Yards

Model results per County on following page

This model is based on a Category 3 storm making landfall near Swansboro, NC.

Historic Track

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 3 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (0800 EDT 09/18/2007) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Debris Model	
Generated By: Siemsen, LRL 0830 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Noname 1878 Debris Model

Landfall Plus About 12 Hours

For Official Use Only!

State	Yards per State	County	Yards per County
Maryland		Charles	30,000
Maryland	30,000		
North Carolina		Beaufort	841,000
		Bertie	168,000
		Bladen	12,000
		Brunswick	232,000
		Camden	12,000
		Carteret	1,111,000
		Chowan	35,000
		Columbus	20,000
		Craven	1,709,000
		Currituck	6,000
		Dare	8,000
		Duplin	107,000
		Edgecombe	94,000
		Gates	33,000
		Greene	37,000
		Halifax	92,000
		Hertford	176,000
		Hyde	24,000
		Johnston	15,000
		Jones	177,000
		Lenoir	148,000
		Martin	202,000
		Nash	91,000
		New Hanover	630,000
		Northampton	57,000
		Onslow	1,364,000
		Pamlico	215,000
		Pasquotank	47,000

State	Yards per State	County	Yards per County
North Carolina		Pender	226,000
(continued)		Perquimans	24,000
		Pitt	956,000
		Sampson	35,000
		Tyrrell	12,000
		Warren	2,000
		Washington	66,000
		Wayne	131,000
		Wilson	91,000
North Carolina	9,206,000		
South Carolina		Horry	34,000
South Carolina	34,000		
Virginia		Amelia	< 1,000
		Brunswick	16,000
		Caroline	39,000
		Charles City	12,000
		Chesapeake	145,000
		Chesterfield	325,000
		Colonial Hghts Cty	27,000
		Dinwiddie	35,000
		Emporia City	8,000
		Essex	16,000
		Franklin City	24,000
		Fredericksburg	9,000
		Gloucester	2,000
		Goochland	< 1,000
		Greensville	13,000

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane Noname 1878 Debris Model

Generated By:
Siemsen, LRL 0830 EDT 09/18/2007

Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1878 Debris Model

Landfall Plus About 12 Hours

For Official Use Only!

State	Yards per State	County	Yards per County
Virginia		Hampton City	12,000
(continued)		Hanover	93,000
		Henrico	366,000
		Hopewell City	35,000
		Isle Of Wight	50,000
		James City	80,000
		King And Queen	11,000
		King George	26,000
		King William	21,000
		Middlesex	< 1,000
		New Kent	21,000
		Newport News	228,000
		Norfolk City	< 1,000
		Petersburg	47,000
		Portsmouth	140,000
		Prince George	50,000
		Prince William	14,000
		Richmond	5,000
		Richmond City	305,000
		Southampton	51,000
		Spotsylvania	30,000
		Stafford	43,000
		Suffolk City	107,000
		Surry	19,000
		Sussex	33,000
		Westmoreland	14,000
		Williamsburg	14,000
		York	15,000
Virginia	2,501,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane Noname 1878 Debris Model

Generated By:
Siemsen, LRL 0830 EDT 09/18/2007

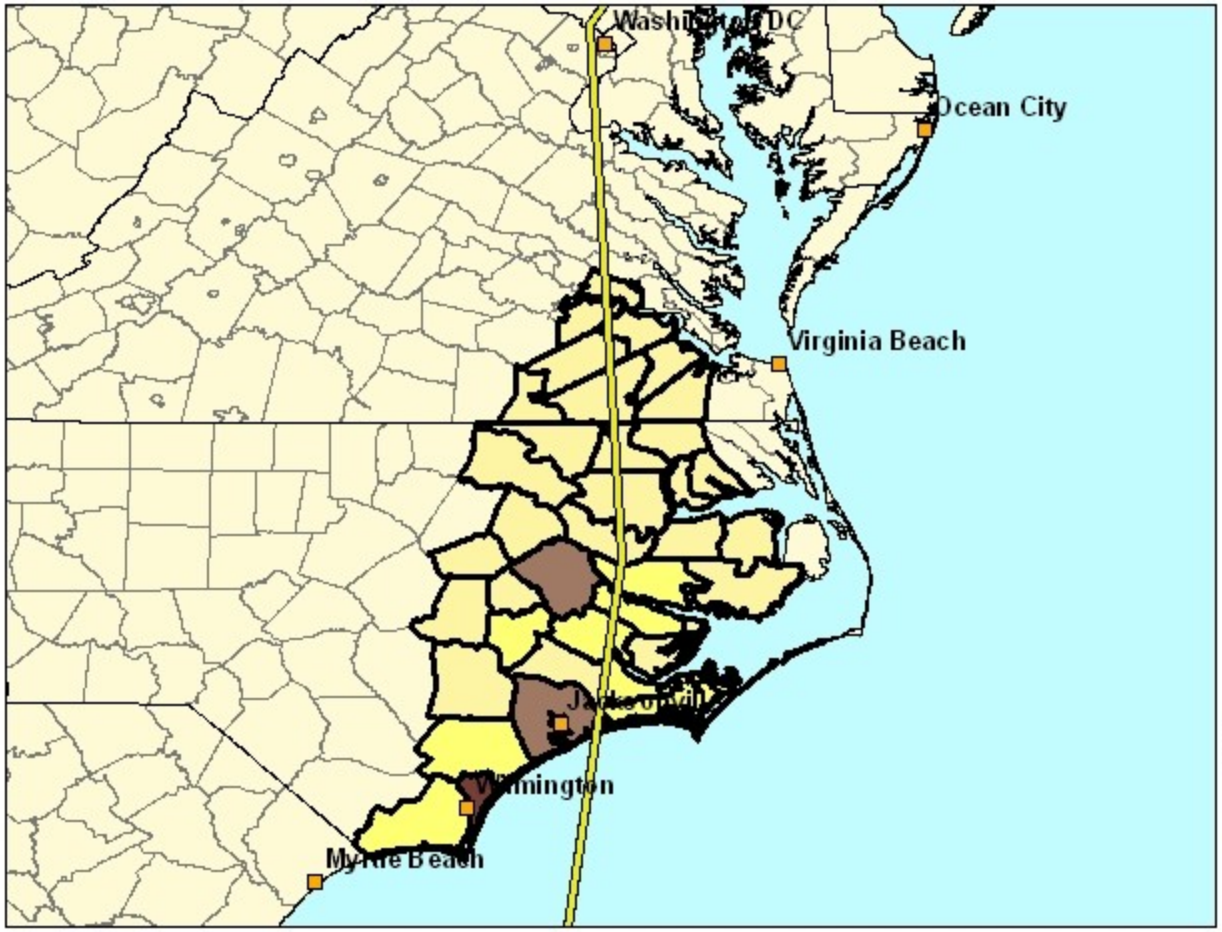
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1878 Population Model

Landfall Plus About 12 Hours

For Official Use Only!



Post Landfall Population Model Results

North Carolina - 1,060,000
Virginia - 80,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Swansboro, NC.

Historic Track

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 3 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (0800 EDT 09/18/2007) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Population Model	
Generated By: Siemsen, LRL 0830 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Noname 1878 Population Model

Landfall Plus About 12 Hours

For Official Use Only!

State	Population per State	County	Population per County
North Carolina		Beaufort	47,000
		Bertie	20,000
		Brunswick	47,000
		Carteret	64,000
		Chowan	15,000
		Craven	95,000
		Duplin	25,000
		Edgecombe	23,000
		Gates	10,000
		Greene	17,000
		Halifax	8,000
		Hertford	24,000
		Hyde	4,000
		Jones	11,000
		Lenoir	58,000
		Martin	25,000
		New Hanover	183,000
		Northampton	13,000
		Onslow	151,000
		Pamlico	13,000
		Pender	41,000
		Perquimans	5,000
		Pitt	146,000
		Tyrrell	2,000
		Washington	13,000
		Wayne	< 1,000
		Wilson	< 1,000
North Carolina	1,060,000		
Virginia		Charles City	< 1,000
		Franklin City	9,000

State	Population per State	County	Population per County
Virginia		Greensville	< 1,000
(continued)		Isle Of Wight	9,000
		Prince George	15,000
		Southampton	18,000
		Suffolk City	14,000
		Surry	5,000
		Sussex	10,000
Virginia	80,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Population Model

Generated By:
Siemsen, LRL 0830 EDT 09/18/2007

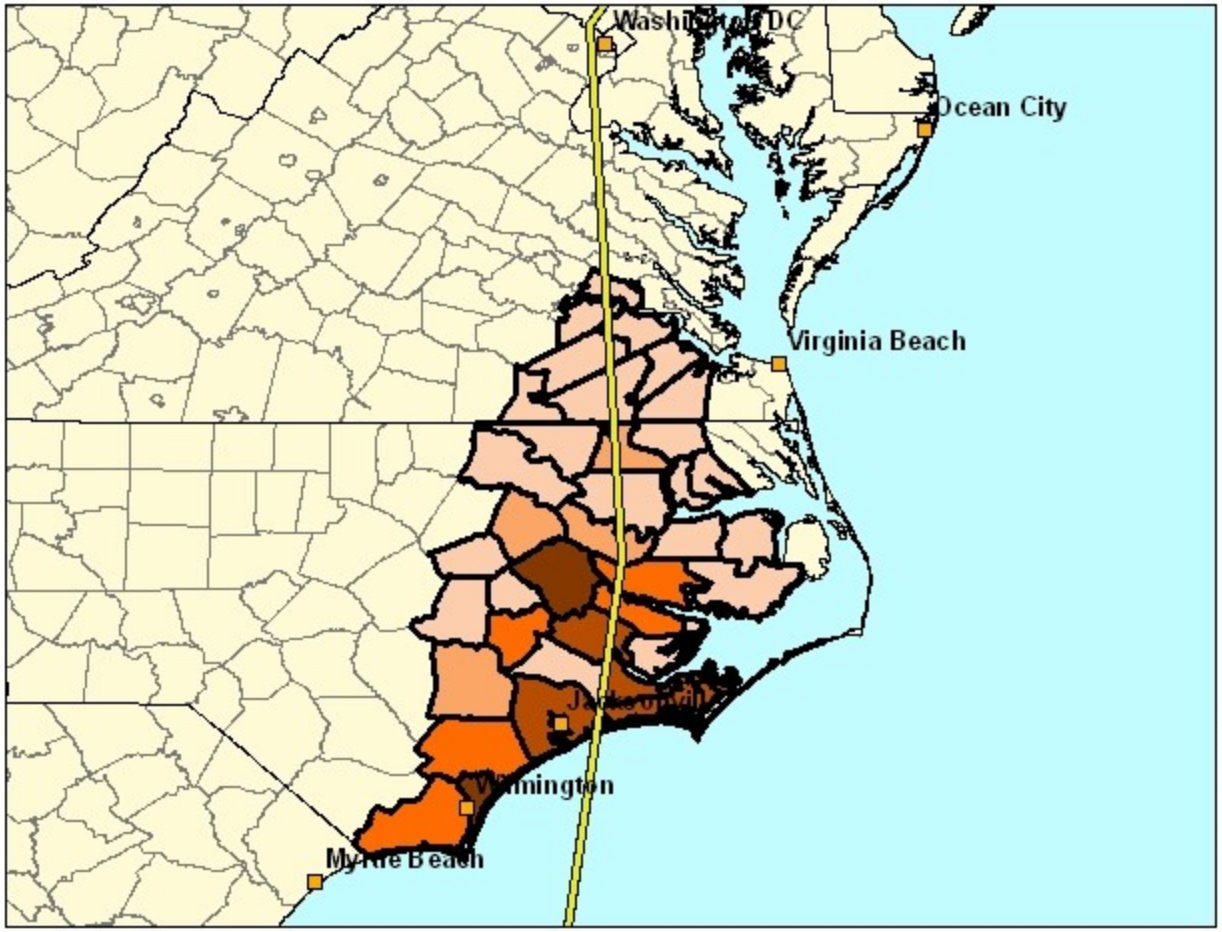
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1878 Households Model

Landfall Plus About 12 Hours

For Official Use Only!



Post Landfall Households Model Results

North Carolina - 416,000
Virginia - 31,000

Model results per County on following page

This model is based on a Category 3 storm making landfall near Swansboro, NC.

Historic Track

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 3 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (0800 EDT 09/18/2007) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2006 values).

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Households Model	
Generated By: Siemsen, LRL 0830 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Noname 1878 Households Model

Landfall Plus About 12 Hours

For Official Use Only!

State	Households per State	County	Households per County
North Carolina		Beaufort	19,000
		Bertie	8,000
		Brunswick	19,000
		Carteret	27,000
		Chowan	6,000
		Craven	36,000
		Duplin	10,000
		Edgecombe	9,000
		Gates	4,000
		Greene	6,000
		Halifax	3,000
		Hertford	10,000
		Hyde	2,000
		Jones	4,000
		Lenoir	23,000
		Martin	10,000
		New Hanover	78,000
		Northampton	5,000
		Onslow	49,000
		Pamlico	6,000
		Pender	16,000
		Perquimans	2,000
		Pitt	58,000
		Tyrrell	< 1,000
		Washington	6,000
		Wayne	< 1,000
		Wilson	< 1,000
North Carolina	416,000		
Virginia		Charles City	< 1,000
		Franklin City	4,000

State	Households per State	County	Households per County
Virginia		Greensville	< 1,000
(continued)		Isle Of Wight	4,000
		Prince George	5,000
		Southampton	7,000
		Suffolk City	5,000
		Surry	2,000
		Sussex	4,000
Virginia	31,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2006 values.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Households Model

Generated By:
Siemsen, LRL 0830 EDT 09/18/2007

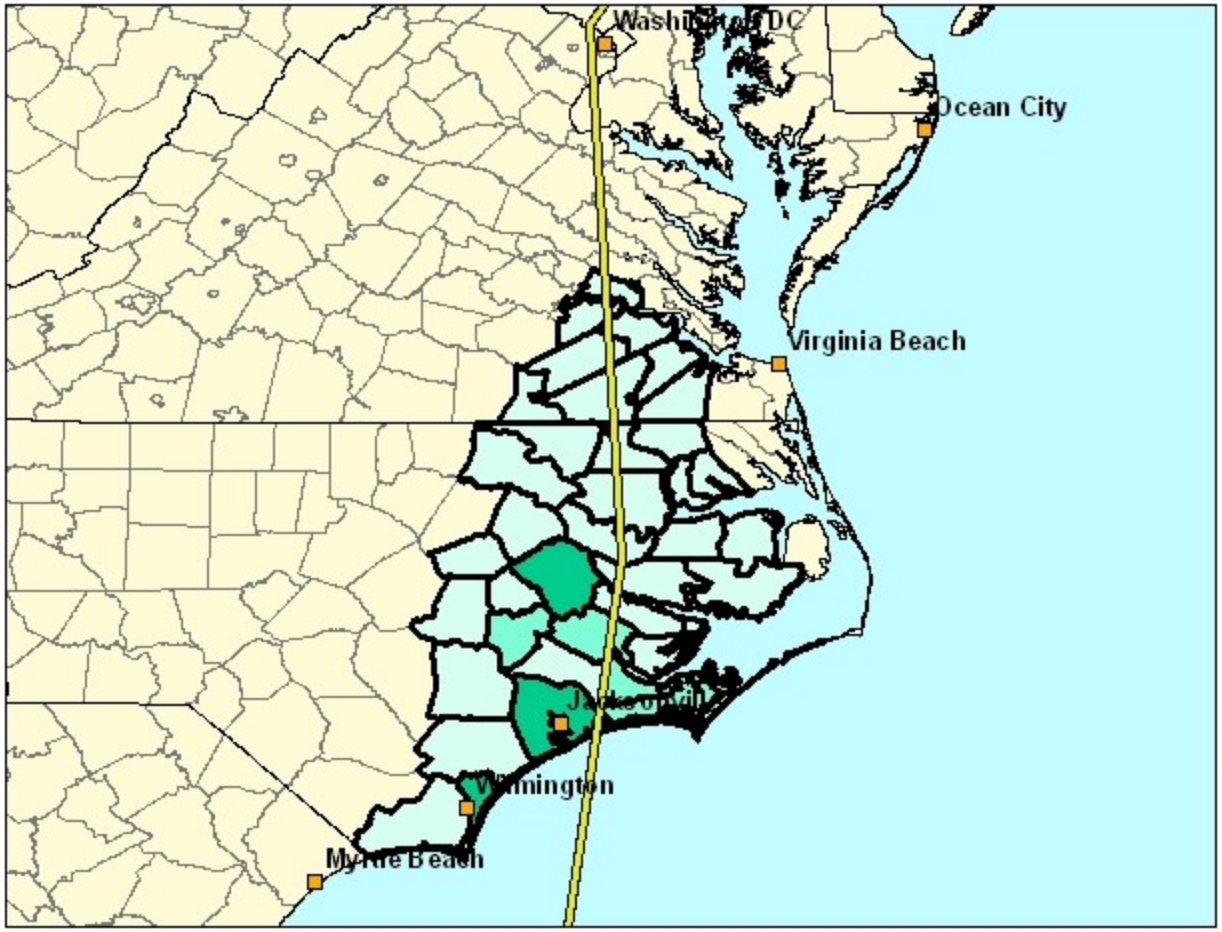
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1878 Commodities Model

Landfall Plus About 12 Hours

For Official Use Only!



Post Landfall Ice/Water Model Results

Day One / Day Two / Day Three
NC – 25/50/99 Truckloads
VA – 3/6/12 Truckloads

Model results per County on following page

This model is based on a Category 3 storm making landfall near Swansboro, NC.

Historic Track

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 3 storm making landfall near Swansboro, NC. These projections are based on information from the NHC ***(0800 EDT 09/18/2007)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Commodities Model	
Generated By: Siemsen, LRL 0830 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	Page 8 of 13

US Army Corps of Engineers

Hurricane Noname 1878 Commodities Model

Landfall Plus About 12 Hours

For Official Use Only!

State	Truckloads per State	County	Truckloads per County
North Carolina		Beaufort	4
		Bertie	2
		Brunswick	4
		Carteret	6
		Chowan	2
		Craven	8
		Duplin	2
		Edgecombe	2
		Gates	1
		Greene	2
		Halifax	1
		Hertford	2
		Hyde	1
		Jones	1
		Lenoir	5
		Martin	2
		New Hanover	15
		Northampton	2
		Onslow	13
		Pamlico	2
		Pender	4
		Perquimans	1
		Pitt	12
		Tyrrell	1
		Washington	2
		Wayne	1
		Wilson	1
North Carolina	99		
Virginia		Charles City	1
		Franklin City	1
Virginia		Greensville	1
(continued)		Isle Of Wight	1
		Prince George	2
		Southampton	2
		Suffolk City	2
		Surry	1
		Sussex	1
Virginia	12		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Commodities Model

Generated By:
Siemsen, LRL 0830 EDT 09/18/2007

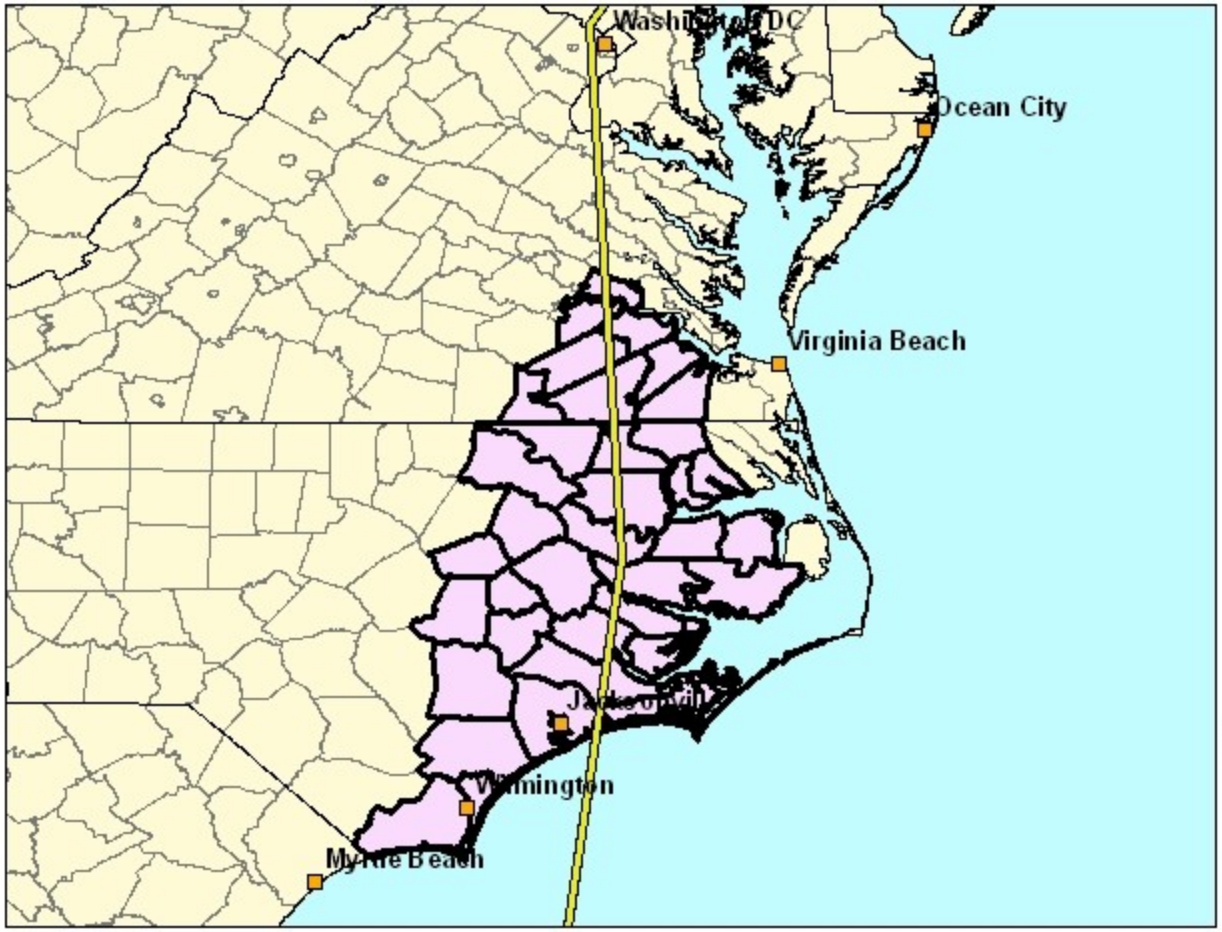
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1878 Temp Housing Model

Landfall Plus About **12** Hours

For Official Use Only!



Post Landfall Temporary Housing Model Results

North Carolina - 10,100

Model results per County on following page

This model is based on a Category 3 storm making landfall near Swansboro, NC.

Historic Track

Temporary Housing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (0800 EDT 09/18/2007) forecast. Temporary housing is based on 1% in CAT 1, 3% in CAT 2 and 5% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Housing Model	
Generated By: Siemsen, LRL 0830 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	

US Army Corps of Engineers

Hurricane Noname 1878 Temp Housing Model

Landfall Plus About 12 Hours

For Official Use Only!

State	House Units per State	County	House Units per County
North Carolina		Beaufort	800
		Bertie	200
		Brunswick	200
		Carteret	1,300
		Chowan	< 100
		Craven	1,800
		Duplin	< 100
		Edgecombe	< 100
		Gates	< 100
		Greene	< 100
		Halifax	< 100
		Hertford	300
		Hyde	< 100
		Jones	200
		Lenoir	300
		Martin	300
		New Hanover	900
		Northampton	< 100
		Onslow	1,700
		Pamlico	300
		Pender	300
		Perquimans	< 100
		Pitt	1,500
		Tyrrell	< 100
		Washington	< 100
		Wayne	< 100
		Wilson	< 100
North Carolina	10,100		
Virginia		Charles City	< 100
		Franklin City	< 100

State	House Units per State	County	House Units per County
Virginia		Greensville	< 100
(continued)		Isle Of Wight	< 100
		Prince George	< 100
		Southampton	< 100
		Suffolk City	< 100
		Surry	< 100
		Sussex	< 100
Virginia			

Temporary housing is based on 1% in CAT 1, 3% in CAT 2 and 5% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Housing Model

Generated By:
Siemsen, LRL 0830 EDT 09/18/2007

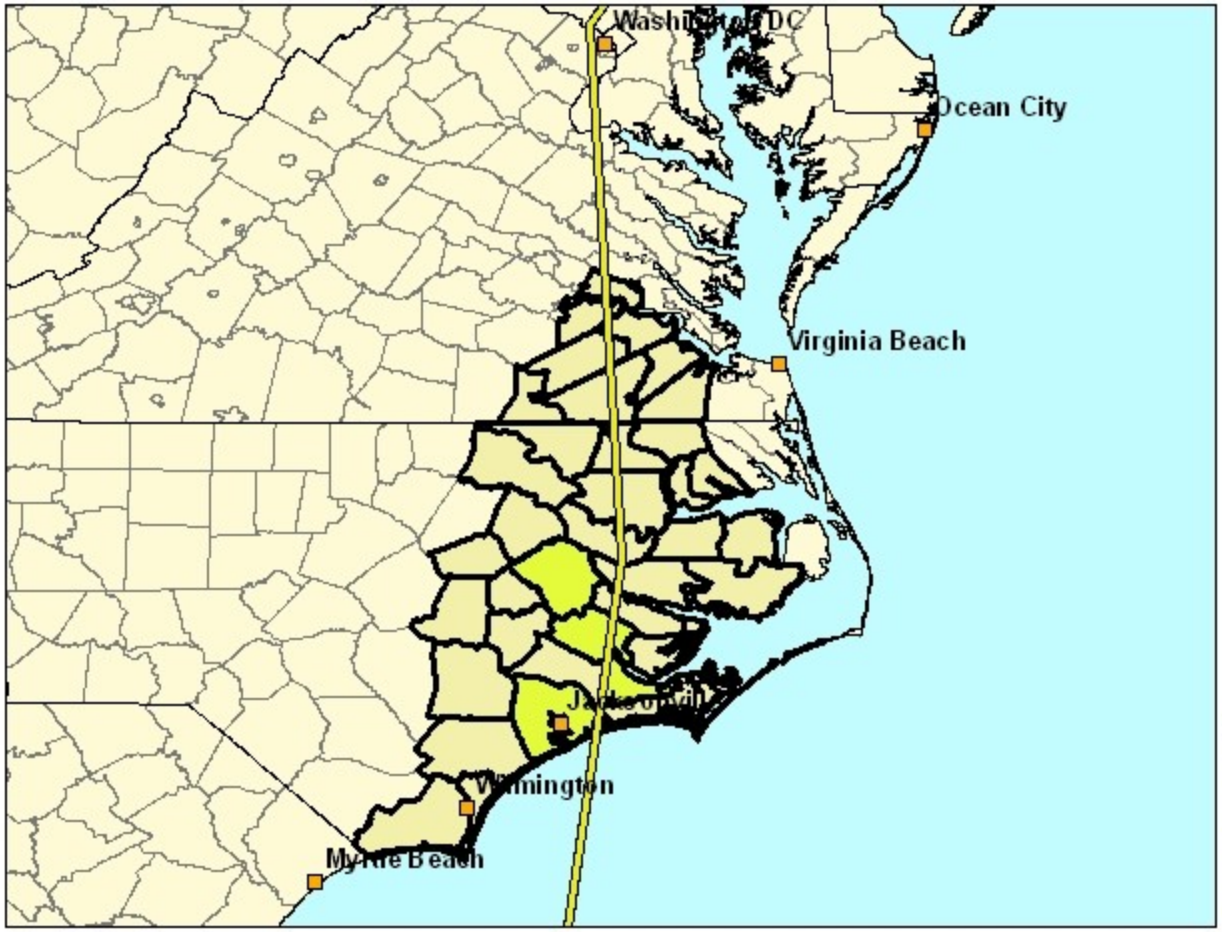
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane Noname 1878 Temp Roofing Model

Landfall Plus About 12 Hours

For Official Use Only!



Post Landfall Temporary Roofing Model Results

North Carolina - 17,500
Virginia - 300

Model results per County on following page

This model is based on a Category 3 storm making landfall near Swansboro, NC.

Historic Track

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 3 storm making landfall near Swansboro, NC. These projections are based on information from the NHC (0800 EDT 09/18/2007) forecast. Temporary roofing is based on 2% in CAT 1, 5% in CAT 2 and 8% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Roofing Model	
Generated By: Siemsen, LRL 0830 EDT 09/18/2007	
Sources: HURREVAC LRL-DEBRIS	Page 12 of 13

US Army Corps of Engineers

Hurricane Noname 1878 Temp Roofing Model

Landfall Plus About 12 Hours

For Official Use Only!

State	House Units per State	County	House Units per County
North Carolina		Beaufort	1,300
		Bertie	300
		Brunswick	400
		Carteret	2,000
		Chowan	200
		Craven	2,800
		Duplin	200
		Edgecombe	200
		Gates	< 100
		Greene	200
		Halifax	< 100
		Hertford	400
		Hyde	< 100
		Jones	300
		Lenoir	500
		Martin	500
		New Hanover	1,700
		Northampton	200
		Onslow	2,800
		Pamlico	400
		Pender	500
		Perquimans	< 100
		Pitt	2,400
		Tyrrell	< 100
		Washington	200
		Wayne	< 100
		Wilson	< 100
North Carolina	17,500		
Virginia		Charles City	< 100
		Franklin City	< 100

State	House Units per State	County	House Units per County
Virginia		Greensville	< 100
(continued)		Isle Of Wight	< 100
		Prince George	< 100
		Southampton	200
		Suffolk City	100
		Surry	< 100
		Sussex	< 100
Virginia	300		

Temporary roofing is based on 2% in CAT 1, 5% in CAT 2 and 8% in CAT 3.

Details about this model may be obtained at http://www.englink.usace.army.mil
or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

Hurricane Noname 1878 Roofing Model

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Siemsen, LRL 0830 EDT 09/18/2007

Sources:
HURREVAC
LRL-DEBRIS